Rashmika Vengala |Full Stack Developer

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SUMMARY

Full Stack Developer with **4 years of experience** in building and maintaining web applications using ASP.NET Core, C#, Razor Pages, JavaScript, and SQL Server. Skilled in RESTful API development, Entity Framework, Git, and CI/CD pipelines using GitHub Actions. Experienced in Azure App Services, API documentation with Swagger, and authentication using ASP.NET Identity and JWT. Comfortable working in Agile teams, resolving bugs, writing unit tests, and delivering secure, maintainable, and scalable backend systems.

TECHNICAL SKILLS

Languages & Markup: C#, HTML5, CSS3, JavaScript, T-SQL
Frameworks & Libraries: ASP.NET Core, .NET Framework, ASP.NET MVC, Razor Pages, Bootstrap, jQuery
Frontend Development: Responsive Web Design, API Integration (REST/JSON), DOM Manipulation, Basic React or Angular
Backend Development: ASP.NET Core MVC, RESTful Web API (CRUD), Entity Framework Core, LINQ, Middleware, Routing
Database Technologies: SQL Server, Stored Procedures, Database Migrations, ADO.NET
Version Control & IDEs: Git, GitHub, Visual Studio, Visual Studio Code, NuGet, GitHub Actions
Cloud & Hosting: Azure App Services (basic), IIS (local), Azure SQL, GitHub Pages
Testing & Debugging: Postman, Swagger UI, Console Debugging, Unit Testing (MSTest)
Authentication & Security: ASP.NET Identity, JWT Authentication, HTTPS, Input Validation, RBAC
Dev Practices & Patterns: MVC Architecture, N-Tier, RESTful Services, Clean Code, SOLID Principles
Teamwork & Methodologies: Agile (Scrum), Version Control Workflow, Cross-Functional Communication

PROFESSIONAL EXPERIENCE

Dell Technologies, PA, USA   **Jul 2024 - Current**
Full Stack Developer

- Increased application load speed by 35% by optimizing ASP.NET Core services, improving Azure App Services performance for 300K+ monthly sessions across enterprise internal and client-facing portals.
- Developed 30+ RESTful APIs using Entity Framework Core and SQL Server, reducing data retrieval latency by 45% for real-time analytics and integrated external service pipelines.
- Integrated JWT authentication using ASP.NET Identity, enhancing multi-platform access security while reducing failed login incidents and account lockouts by more than 80% across web and mobile applications.
- Automated CI/CD pipelines via GitHub Actions and Azure CLI, decreasing deployment times from 30 minutes to 10 and eliminating frequent manual rollback and downtime issues in production.
- Designed responsive Razor Pages with Bootstrap and jQuery, increasing mobile responsiveness and improving accessibility for 22% more users across critical B2B and admin interfaces.
- Documented and validated 40+ endpoints using Swagger and Postman, reducing QA cycles by 40% and improving alignment between front-end and back-end engineering teams.
- Reduced production bug volume by 38% by implementing MSTest unit testing and input validation, strengthening code stability across frequently used modules and transaction workflows.

Hexaware Technologies, India   **May 2022 - May 2023**
Full Stack Developer

- Rebuilt Razor forms using JavaScript and client-side validation, increasing input accuracy by 30% and reducing user-submitted errors, which cut internal support tickets for form issues by 40%.
- Optimized .NET Core API logic and refactored SQL Server procedures, improving backend performance by 45% for high-volume inventory, billing, and real-time order tracking operations across multiple product lines.
- Migrated 15+ legacy ADO.NET modules to Entity Framework Core, reducing codebase complexity and technical debt while enhancing maintainability and unit testing coverage across critical business services.
- Applied SOLID principles with modular architecture, reducing developer onboarding time by 25% and improving scalability of shared business logic across distributed microservice environments.
- Managed Git versioning across 3 cross-functional teams, implementing pull request guidelines and early conflict resolution workflows that stabilized CI pipelines and improved code integration reliability.
- Consistently met 95% sprint delivery targets by collaborating with Agile squads, supporting backlog grooming, coordinating QA test cases, and assisting DevOps in pre-release deployment testing.

Disprz, India   **Mar 2021 - Apr 2022**
.Net Developer - Junior

- Built 8+ internal ASP.NET MVC tools for HR automation, reducing manual tasks by 50% and enabling faster onboarding, payroll, and feedback collection across departments.

- Optimized 20+ SQL queries and stored procedures, increasing performance by 25% for internal reports accessed daily by team leads and department managers.
- Upgraded legacy modules using Bootstrap and CSS3, improving mobile accessibility and page structure by 30% for internal web portals accessed on tablets and mid-range devices.
- Raised and resolved 60+ Git-based pull requests, maintaining clean version history, resolving merge conflicts, and supporting continuous integration workflows during biweekly sprint cycles.
- Deployed 3 learning projects to Azure App Services under senior guidance, gaining practical experience with cloud hosting, configuration, and sandbox environment management.

EDUCATION

Master of Science in Information Science   **Dec 2024**
Robert Morris University, Pittsburgh, PA, USA

Bachelor of Technology in Computer Science   **Apr 2022**
Saveetha School of Engineering, Chennai, India

PROJECTS

On Demand Car Wash System   **Sep 2021 - Nov 2021**
Full Stack Development Project
- Built and integrated modular REST APIs for user authentication, booking, and dashboard features, showcasing skills easily adaptable to ASP.NET Core Web API and Entity Framework-based microservice design.
- Designed database schemas and optimized SQL queries for real-time data operations, demonstrating strong backend development skills relevant to .NET full stack applications using SQL Server and LINQ.
- Deployed containerized application using Docker on AWS, simulating .NET cloud deployment workflows with CI/CD, DevOps tools, and scalable infrastructure for production-level environments.